STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

form:

The Biotechnology Systems Branch of the Scientific and Technical Information
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Application Serial Number: 10/659,755ASource: 1/47/07

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 Alexandria, VA 22314

Revised 01/10/06



IFW16

RAW SEQUENCE LISTING DATE: 01/17/2007 PATENT APPLICATION: US/10/659,755A TIME: 12:35:18

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        LIU, CHANG-JUN
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        DEAVOURS, BETTINA
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12 <140> CURRENT APPLICATION NUMBER: 10/659,755A
13 <141> CURRENT FILING DATE: 2003-09-10
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16 <151> PRIOR FILING DATE: 2002-09-10
18 <160> NUMBER OF SEQ ID NOS: 15
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Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt
Output Set: N:\CRF4\01172007\J659755A.raw

E--> 1098 acggateate gtegtegteg tetetgettt gattgatega tgaattattg ettgeteett 10200 E--> 1099 gctggtaatt aatctgtttg cttccgtcag aagcagagaa agaaatggag aggaattaac 10260 E--> 1100 cacggagtag tgtgtctacg tcgatcgatt taccaccgca gatcgagcaa agagacgatc 10320 10380 E--> 1101 gaatcgaaga cgattccaca gctcgatcgc tagctagcta agctctgcag ccgtcggcac E--> 1102 caaagactat teegecatta etgeetttee gagattttta geeceatege catggggeet E--> 1103 acgaatggaa cagccaggtt gatggagatg gatgcagata gagtcatgca gcagctatag 10500 E--> 1104 ctaqcactag tcgtcgatca gctataccgg ttttatctag ctagatttgc taaaagaaga 10560 E--> 1105 atatatataa teetegatee acagetaaat acattgagae atgagaeaet taetaaaege 10620 E--> 1106 atcattatcg tcccaagaaa tgacagtaac gcacatataa tttcgattca ttattgctag 10680 E--> 1107 ctaggtggag acgtacgtag actetcacte gagtacttga cetgtagetg ctaggteget 10740 E--> 1108 gctactgctc ctctctccgt gtctcttgga ggaggaagag gaagaagaag gaagctagca 10800 E--> 1109 geoggagetg tgettttega cegtgegatg cegttettgt cagtegettt tgegagagtt 10860 E--> 1110 actgctgtag tccgccctac gtacatacga caagtcatct catcgttttc tcgttggttt 10920 E--> 1111 atcgagtaac caaagttcaa aatttaaaac ctttttttat tattttaggt tgatctttgg E--> 1112 gttttaattt ctatcgttgt caatttttgt acatttagct attactcttt tctatataaa E--> 1113 ataaattaaa acctgaacac tacatccacg tagcggatat acacaaccaa caaaatacag E--> 1114 tatttgtata gataatacgc accacaaaa atatttagat tcaaaaccgc cgcttaaaag E--> 1115 aacgagaatg ctaggggacg ggatactgtc ccccaacagg atactcctct accacaatac E--> 1116 gattcttata catacacgca ctaggcctac tcactcgccg ccgtcgccgt cccccaccgc E--> 1117 egeogtgeec gtteccegte gecactgeeg egeocatece ecacegeege egtecegtae 11340 E--> 1118 ctgtcccctg ccgccgccgt cgccgtcctc gtctacaggg gacagctgca gggggcgacc 11400 E--> 1119 gcgcgtgtcg ggatgctcct cccaaacagg atgcccggtt atatctaata ggaatcacct 11460 E--> 1120 gatacctggt aggtatcatc cgatacctca caagtatcac gcgatacatg gtagaaatcg 11520 E--> 1121 tctgatacct gataagtatc atatgatacc tggcgatatc acgcgatacg tggtagaaat 11580 E--> 1122 cgctgataca tgacaggtat tgcatgatac ctcgtgagta tcacgcgata cgtggttgaa 11640 E--> 1123 atcatctgat actgtaacgc tccgcttttc gtgagacgtt aaaaactaat tcgccaaaat E--> 1124 cctatatgcg aaaatttcgt tatttgtgtg agagtctaag ttgtgccaag atctcaattc 11760 E--> 1125 aaatctccat tgttgttctc tcccgtcgcc atcaaaatcc tccacctcta aaatgtcaat 11820 E--> 1126 cccgattcat cttccaaagt caaacatcga aattcaatcc catccttgaa attccttgcc 11880 E--> 1127 aatatttctc tcgattccaa gaatatcaaa tcccaacctt gaatccctcc ctgtctatcg 11940 E--> 1128 atctatctac ctgttcatct atctatctac ctatctatcc atccatctat ctatctacaa 12000 E--> 1129 gtttatccat cggttcgtcc gtctatctaa caacctttga attcctgtcc caactccaag 12060 E--> 1130 gatgtaaatc caaacatatc ccagccttga gctttaacct ccaagattcc tcctttttcc 12120 E--> 1131 tetttetttg gaaacetece caaataatte ttegggtete cagatacaaa accaattega E--> 1132 aaatattgag ttttcacttt gatctccctt ccttgactcc accatattcc gatgagtcca 12240 E--> 1133 aatatcaagt tcaaaattca aatttcaaat ctcaatccct tcataatcaa tctcctcggt 12300 E--> 1134 aaaagtctat tttgcctccc tctttgtcgt tgggccgatt cttcctccct cggcccatct 12360 E--> 1135 cccctcccag ccttcctctc ccccctctc acgtgcgcca cacgtgcctg ctcagccgag 12420 E--> 1136 cgagagaga gcagcgcctc tcttcttcct cgttctcttc tcgtctctct ctttctcacc 12480 E--> 1137 getecetgee agegettege egatteaaac tgccacegee ttegetegtt eeegegegeg 12540 E--> 1138 ctcccgtcgt ggtggccgac cgccctcggt cgccgtccgc cctggcccgc ctgcgccgtg 12600 E--> 1139 cagccgcccg tgcccactct gtcgtcgccc catctctgcg ccgttgtgcg cgtgcgtcca 12660 E--> 1140 agacgtggag gcaaggcctc ggctccccac tctcacattc cctcccacct ccctctgctc 12720 E--> 1141 gcccaaaccg gcaagggacc gagctccttt ccctcccct ttttgctttt tcccttccat 12780 E--> 1142 cgccaccgtc acctectctg cgcccgtgac cacccgccag ctcgccctt gaccgcctcg 12840 E--> 1143 tccaaggtcg gttcctcccc caaaccacct tccccgtgct ataaagccca agccgagtcc 12900 E--> 1144 ccctccccat cccaatctct ctcgtttctc tcatcgccac aaccqcqcca ttgtcqcctt 12960 E--> 1145 teetetgete tegeegtege egteegetge caageacegg ggaggeeggt gegtgegagg 13020 E--> 1146 acgcgtgacg cgggactccg ggcaccctcc tccttcctct tccctggccc gagaacggag 13080

Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt
Output Set: N:\CRF4\01172007\J659755A.raw

E>	1147	agctcgctcc	cgcgccgtcg	gccgctcgac	accgcgcccg	ttccggctcg	gtagtgcctc	13140
E>	1148	cctcccgttc	cccttcctca	ctcgccctct	ccctccctag	ctcacgtggt	agctcggcta	13200
E>	1149	gccttccggt	agttcgtaga	agccgcccca	agccccgccg	ctacctggca	tggcctcgcc	13260
E>	1150	gccattgccg	cccgctcccg	gaggttgccg	tcattgccag	ccctccacgg	tgccgctcca	13320
				gggttcccca				13380
				ccgtttcccc		-	-	13440
		_		cctccggtca				13500
				ctcccctcc				13560
				atctcggcct	-			13620
				cgtcggcacc				13680
				cccgctcgc				13740
			_	tagtcctccg				13800
				cgtgcgcctc				13860
		-		gaggtgaact				13920
				cctcgcgccc				13980
				ctagccgccc				14040
				aataaatcct				14100
				tttcccttga				14160
			-	aaatttcata				14220
				cttaaacttc				14280
		_	_	cagtaattcc		_	_	14340
			-	tttggtcttt				14400
		-		cgatcgtgga				14460
				ccttttgatc				14520
				atgaatagga	_			14580
		_	_	attcctagtt	_			14640
				ctattgtgct				14700
				taaaatatcc				14760
				cctgggtcgg				14820
		-		ggagtacggt				14880
				taaggcaagt				14940
				gggggagcca				15000
			_	cgggcttcct				15060
				gttggcatat				15120
E>	1181	acagtettee	cttgaagcat	gcattaaaca	cttaattccc	atggcttgct	gagtacgaaa	15180
		-		tctctctc				15240
E>	1183	tatatatata	tatatatata	tatatatata	tatagtttct	ctgccttgaa	gagaagatga	15300
E>	1184	agtgaagcga	agattagggt	ttcgtcctgg	ttcccagccg	tegeetgtgg	tgattggtgt	15360
E>	1185	tagttcgtta	gttctgctgc	tgctgttgct	gttggtgttt	cctcgtccgc	gtcgtcggtt	15420
				gctgcaacct				15480
				tatttgtcac				15540
				taggaagcga				15600
				ggtgccagat				15660
				acgcgatacg				15720
		_		tcacctaaaa				15780
		_	_	tgggatcatc			-	15840
			_	ttgggatcat			_	15900
				ataattcaga				15960
				acttatcagc				16020
-					. 5	5 -5-5-	J J J - J - J - J -	-

Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt
Output Set: N:\CRF4\01172007\J659755A.raw

E>	1196	gagagagaga	gcgcgcgcgt	gctgccgaag	tgacggtcag	ttgggacgtg	cttgtcgatt	16080
				accaacggtc				16140
				cgcgcgttgc				16200
				cgatcctaag				16260
				tgcctgcgag				16320
				gtacaagtct				16380
				attctcatgg				16440
				tgagtggtgg				16500
			,	tttttgtgta				16560
				gcgagacgga				16620
				ggttaattgc				16680
				tatatatgga				16740
				cagctctcta				16800
				gtaaactaaa				16860
				gtctggactc	_			16920
				aaatagacat				16980
				tgaaacggca				17040
				gcatgcatgc				17100
		· ·		gtgccacttg				17160
				agtcaaaaca				17220
				tttcttgttt				17280
				tgccactggc				17340
				gtagcatttt				17400
				gtttatatac				17460
				gtttattgac				17520
				aatgcagcaa				17580
E>	1222	aaaacaaatt	tgaaaacata	attgatctaa	aaggactatt	tgtgctaagc	tataataaag	17640
E>	1223	ctctagtagt	cgtactccat	ctaagagaaa	accaaccaga	ttatagctct	gggaccgaag	17700
E>	1224	ctatagtata	agacattttg	agtttggttt	ggctagattt	atatataaaa	aaatcagtag	17760
E>	1225	catttctaac	acacaataag	gttgtgtttg	ctaggagact	ccacaacttt	tacctcttgt	17820
E>	1226	ttttcgtgcg	cgcacttttt	aaactattaa	ataatatatt	tttaacaaaa	atcctatata	17880
E>	1227	aaagttactt	taaaatcata	taatctattt	tttaaatttt	ttagctaata	cttaactaat	17940
E>	1228	catttgttaa	tcatatgctc	tattttgcat	gcaaggagcg	agggctccca	accctctaac	18000
E>	1229	gaacgcctat	gtgtgaccta	aatataaata	tataaactgt	ttcacaaaat	ataacgtagg	18060
E>	1230	gagtaggtaa	aactaactta	tgaaatattg	gtagtgtgca	tttattttt	tgaaaaagtt	18120
E>	1231	ctgtatagat	aatgcttgtt	ctcaaatgtc	ggtacatcag	aagtttaaat	tgacatcaac	18180
E>	1232	tcctaactaa	aggaaataaa	cgaattgaaa	cttagtgggc	ctaaatagta	ctggacacgc	18240
E>	1233	aaggtccaat	cagtaggctt	gatatatact	actataggct	tgggccggtc	atcttaattt	18300
E>	1234	aacgggtcga	tctccaacat	aaacttgagg	attgaattaa	agacgtatct	caacaccgat	18360
E>	1235	ttaaaaatga	aattaaaatg	catatctatc	attttttca	aaagattatt	atgtgtttga	18420
E>	1236	gaatttatat	tttgtgtcga	aaatattgta	cagttgggat	agacatgcat	aacagtgaag	18480
E>	1237	tagatgtata	caatatacta	acactatatt	ttatctaact	acaaaatttt	gacatgtaac	18540
				ttagtttcta		_		18600
E>	1239	gacgggcctt	${\tt cgtaaacttt}$	gaccattcat	tatgggcccg	${\tt aattggctat}$	attggcccat	18660
E>	1240	gctctgttga	tatacacatc	aggacgggca	ggcagtgtga	gagttcagac	aacatcacta	18720
				gatatgaaac				18780
			-	gttcacagga			_	18840
E>	1243	gtaataatat	aggaatgcac	gtgcaaaaca	atggattgga	acacatgaat	tttttctaca	18900
E>	1244	ctgagctaaa	caaaagaggt	tggagtggat	attttcattc	ctatggaatt	agtacatttt	18960

Input Set : N:\efs\01 17 07\10659755 efs\NBLE007US.txt

Output Set: N:\CRF4\01172007\J659755A.raw

E--> 1245 ggaggattgg catagtgttt ctacggaaaa tttttctttg aatcctacaa atcgaatgca 19020 19080 E--> 1246 tgaacagtgc ttattctaga ggaattgaga ttttctttag gagtccttga aaataaataa E--> 1247 agtcttaaaa agtttagatt tatagtatta aaatgtaccg tagaaatgta gtaaaaggtt 19140 19200 E--> 1248 tgttagagaa gcctgtggct gtggctgttc tatacatgca cgtcagcata aagtcagtgg E--> 1249 actatagget ceatecatgg eccaegtgea gtgaaaeggg tgeaggattg gtgggtgtgt E--> 1250 acgtgtttgg aatgagctgt tcccaacata tccacagtac acacggaaaa catagcggtc 19320 E--> 1251 tattagtgag agattaatta agtattagtt attcttttt aaaaatggat caatatgatt 19380 E--> 1252 tttaagcaac ttttgtatag aatttttttt aaaaaaaaac acatcgctta gcagtttgaa 19440 E--> 1253 aaatatatgc gcgtggaata agatggagag gagttggaac ccataattcc aaacacagcc 19500 E--> 1254 ggcaccgttg cagatttgat ccgacggtca aaatccacct ggagcccatc ggacggacca 19560 E--> 1255 gacacgcgat cagcagcagc actcgagaat cgccgtgaag cgtccgagac aagcttcctt 19620 E--> 1256 cactetetca caaattaact eeggeeteag eeteeteea ggeteteaac teagetacee 19680 E--> 1257 actccggcga gcatggcggc ggaggcagcg gcgcgcggag agggccacga cgacggctac 19740 E--> 1258 ttccccattc tcgaggtgcg tattctggat gaggcgtggc tgcgaggggg cttgtggtgg 19800 19860 hundering 19920 hundering E--> 1259 aggaggggga tccgggggga gcaggggtta gccatggcga tggcgcagca gccaggcaat E--> 1260 gtcaatgtgg ctgggttctt gcaggcttcg aggaggctga ggaatcgggt gatcatgatg E--> 1261 ttgtggatgc gtatgcttct caggcagctg gtcgtgagat ggtggctgcg cgtgcatttc 20040 E--> 1262 aggeggttca tgtgggtgtg gcatctgegg gttcttcggg ctcgggttcg tctgtttctt E--> 1263 tggaggattc ggcatgacca ccttgtctac atcttggaca ccatcatggt tttggcatac E--> 1264 gtcgtattca agatcaatgc cagcttcata ggctacatcg aattcgttaa acttaattgc 20160 E--> 1265 tcatctggta aaattaattt agattttcat ttttgcttaa agagtactgg tgacattttt 20220 E--> 1266 tatccgattt attcatatat ttttttcact atacgtttgc tatagcacaa caccagtttc 20280 E--> 1267 tcatggtgtt ccctctcgtc ttcatgctaa ccgtactcgg tgccttcatc tgcacagccg 20340 E--> 1268 tcagaacttt tatggacgct gtaattttct cgttaccgtt gcaggttagc cattattttc 20400 20460 E--> 1269 ttqttccacc ccaaactttt qaaacctqac aatqqtaqta tqataatcct attqctacat E--> 1270 tqaattcqtq ttattctatt qcatttaact ttttttttct gctgacttca tctgctgctt 20520 E--> 1271 gtacagcttc attggttggc gatgagtagt gagatcgctt tcaattttag aagctctaat 20580 20640 E--> 1272 gttcagttct gttgtggttg tatgattagc caagcagttt catgtcattt gaacagttgt E--> 1273 tgcttccact tcgattgttc tgccgtaaag agacttagtt tgccaactaa aattgtgcgc 20700 E--> 1274 aactcgacta attaatcatg catgtttgtg ccgttatata taggcttata gcctacagct 20760 E--> 1275 taatgattcg attcctagat caataccaac tgcagttaca gtgcattcat cttgttatag 20820 20880 E--> 1276 ttacttagtt agctatatgg tcgttggtca ctgctatgtc aagttcatat ggcttaatta E--> 1277 attgtttcat ttctagctcc atgcccttta ccatcattgt gcattttgtt gatctcggtt 20940 E--> 1278 taccaccagt ttatgtgata taaaccaacc cttgcttaac tgatgtgctt atcttgttgt 21000 E--> 1279 tcatttgttc cagtgctggc gtccgtgacg aacacggggc gatgtcaacc ggcttcccta 21060 E--> 1280 gtgtttaatc cttcttccga tcaggtttcg gtagtacaat acttgcttca tgatggcagc 21120 E--> 1281 cgcatcattt gtgatacctt ggctgttctg atatgctatg tattttgcaa caacccaaat 21180 E--> 1282 ggattgttat atgcagaaat tactcttaga aactaacccc caattggagt actagttggc 21240 E--> 1283 atggtttcta ttgatgatac tcctagagtc gtagtagtaa tctgaaatat atgtgactgc 21300 21360 E--> 1284 tgcagctctt acctgttctg ctgcttgttt tttgaaggaa ggcaaaagct ttgccttgaa 21420 E--> 1285 tatattaata gagcaggaaa aaatatagcg agatatatac agggttagat gaaaaaaaac 21480 E--> 1286 gaaacaaata acccgcaaga ggagaggcaa aaagcaggga ttaagtgata tcttccaaaa E--> 1287 ttccgaactc ttgcaggatt gaagcccctg ctttgaccca tgctctccct tcctccttga 21540 E--> 1288 tetttgetag aattgaggat ggegtagatg cattgttgeg gaagattett gegtttettt 21600 E--> 1289 cgcaccagat ttcccacgag attaaaatca ccagggtcct gagaggcttg catggggtgt 21660 E--> 1290 ttggagattc cgttacgagt gtccaccatt gctcgactga gtgacagctt tccgagttgt 21720 21780 E--> 1291 ccatctgaag gtcagtccca gtccatctct gcatttctgc ccatatcctc tttgtgagtt E--> 1292 tgcatttggc caggagaagc agggccgatt catcaacatt ataacaaagt gggcaaatct 21840 E--> 1293 tttggttttg ccatcctctt ttttccagcc tgtctgccgt ccatactcta ttttgcgtga 21900

Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt

Output Set: N:\CRF4\01172007\J659755A.raw

21960 E--> 1294 ccagccaaga gaagaacttg cacttcggcg gcgcccatgc cttccagatt gactgataga 22020 E--> 1295 aggtagattt ggcagcccca aggaattgta gtcgataggc cgattttgcc gagtactgcc 22080 E--> 1296 catttgctgt gaggttccat cggatgctgt cgtggttttc tcttagaggc ctcatatctc 22140 E--> 1297 tgatcattct ccagaggcgg atatactgtt ggaggtgatt cgcctcgaag atgcgagaga 22200 E--> 1298 catcaatatc tcgtatccac ttgttttctg ctaaggcatc atgcacagtt ctattctttc E--> 1299 ttctagaggc cacgaaaata tctggggcaa tcaattgcgg tgtttgattg tctagccatt 22260 E--> 1300 ttgagcccca aaagegtgca attttgccat ctcccaccgt tattgttgtt gtggccgcga 22320 22380 E--> 1301 agaggtattt gtctagctga ttgcatggta gcacagatcc cacccaaggc ttatccggcg E--> 1302 ccacccattc gttccaaagc catctgagcc tagcttagag ctgatgtgaa atattgcagg 22440 22500 E--> 1303 ttcataacac ctaggccacc caaaactttt ggcctgcaga cccttttcca gttgacttta 22560 E--> 1304 cattttccct ccgagatgtt ttcgccccc gcccaaagga attttcttct tattttgtcc E--> 1305 aactcctcta gggttccgtc tggtagcttt agtgatgtta ggtggtagat gggctacgcc 22620 22680 E--> 1306 gtgaggactg atttcgttag gcagattcta gcgacggtcg acatcatttt gccttgccaa 22740 hunberis 22800 hunberis 22860 22920 E--> 1307 ggagcgagac gcgcttggca cttgtccatt aagggctgaa tgtggacctt cttgagcctt E--> 1308 ccaaccacga ggggtaggcc aaggtatttc attgggaagt ttgttaggcc tgctgggaag E--> 1309 atcccaatga tgctggagag atcaatgcta tcacaccgga taggggcaat ttggcttttg E--> 1310 ttgaggtttg ttcggaggcc cgtcacttgc ccaaaatcgc ttagaaagct agtgagattt 22980 E--> 1311 gtcatgtctt ggacacttgg gttcacgaat atggccgcat catctgcata gagggaggtt E--> 1312 cggaatctgg gagetettee gegaagaggg gacatgtgte etaattttgt tgetttetet E--> 1313 agaaggtggt ggagtgggtc gatggctaaa ataaatagca gcggcgagag ggggtcaccc E--> 1314 tgccggaggc ctcttccatg ctttataggc gatcctgggc atccattgag gaggaccctt 23160 E--> 1315 gttgtcgacg aggctaggat gtttgagacc cagttagtcc accgagatgt gaagcctttt 23220 E--> 1316 ctctggagga ggtcgattaa gtaatcccat ctaaccgaat caaaagcttt ggttatgtca 23280 E--> 1317 agetteaaca gaagagtegg egttettgtt tggtggaatt ttettgteag attecteaca 23340 E--> 1318 tacataaagt tgtcatgtat gcatcttttc tttatgaaag cactctgggc gtgactaatc 23400 E--> 1319 aggatococa tgtgaggotg caggogoagt gcaagtacot ttgaaattag ottoccaact 23460 E--> 1320 ccgtgtatga gactgatagg cctgtagtct cctacgcatt ctgctcctc cttttttggg 23520 E--> 1321 atgagcacca cgtttgctga attgaggatc gggaagttat tacttcgtag ccggtcgaag 23580 E--> 1322 gaatgaatga ctgccatgat gacatctttt atcgtttccc aacaggcttt atagaaagca 23640 E--> 1323 cttgtgaagc cgtccggacc gggcgctttg tcgctgggag actgtttaag tgtcgcgtga 23700 E--> 1324 acctectett cegtgatggg geegetaatt aeggageatt egaaagttgg taactgeagg 23760 E--> 1325 gcgtcctagt cgagatcttt tgagcgtgga gctaggtgtg ccatgaaggt ctgaaagtgt 23820 E--> 1326 tataaagtgc tcttttataa cagtagcttt ttcatcgtgt tttactttcc acatgtttcc 23880 E--> 1327 cactcgtagc ctctgaatga agttttttct ctttcttgca ttcatcctca aatgaaagaa 23940 E--> 1328 cttcgtattt gcatcccct ctttgagatt ggtgattcat gcagcttgtc ttctacgggc E--> 1329 tetttecace actgeaagac ecageactet gtetttgagg tteettetta gegtgagtte 24060 E--> 1330 ggcttgagtg agttgccttg actcttgggc tatatcaaat tgaagaataa tctcgagcgc 24120 E--> 1331 catgtgtaaa tgaagcttcc cctgcgaaat caattttttg ctccacgatc ttagtctttt 24180 E--> 1332 ggccatacat cccagtttgt gaaagagtct atggtgaggt tcatgatggg gttggggtgc 24240 E--> 1333 tatccaggct tcttgtacca cctcgtggaa gcctgggagg tggatccaaa agttctcgaa 24300 E--> 1334 ccgaaaagtt ctcgatcgtg gggcctcccc ttgtccggtt agcattagcg gacagtggtc 24360 E--> 1335 tgagagtgag gtggataggg catgtaaaag atgtctctcg aatgctgtgt tccagctagc 24420 24480 E--> 1337 gtatcgccta ttctgaagtg caacctcctt gagctcgcaa gcgttgaggg tttctttgaa 24540 E--> 1338 aattcgcatt tgtctgcgat taatgtttgc attgtttttg tcggaagcct tgtagattat 24600 E--> 1339 gttgaagtct ccgagcacca gccattttga attgtcagat ggcttggtgt cccgtagttc 24660 24720 E--> 1340 teteaggaat gtttgettgg cactetgttg acagaaaaca egaggeetgg gagatetget 24780 E--> 1342 catgtaatca acaagaaata gagacaaaga attcgtggtt aaatctataa atgatagccg 24840

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/659,755A

DATE: 01/17/2007 TIME: 12:35:18

Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt
Output Set: N:\CRF4\01172007\J659755A.raw

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27720

27780

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/659,755A

DATE: 01/17/2007 TIME: 12:35:18

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Output Set: N:\CRF4\01172007\J659755A.raw

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Output Set: N:\CRF4\01172007\J659755A.raw

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Output Set: N:\CRF4\01172007\J659755A.raw

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Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt

Output Set: N:\CRF4\01172007\J659755A.raw

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37380 37440 37500 punteur 37560 37620 37680 RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/659,755A

DATE: 01/17/2007 TIME: 12:35:18

Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt

Output Set: N:\CRF4\01172007\J659755A.raw

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Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt
Output Set: N:\CRF4\01172007\J659755A.raw

E--> 1637 tgattgattg attggtcaat ccgatgctca ctataaattc cagtggttgc atgctttttc 42540 E--> 1638 ttcatcagag ctcggcaatt cagcctagtg tggtggtgca gaagaccacg agcaggacaa 42600 E--> 1640 gateggtgca atggcggcgg cttcategac gaeggcgacg acggccatec tggcggcagt 42660 E--> 1641 gatcatctct ctcgccggcg ctgccaccac cgtggacgcc aagttcaggg cgatgcagtg 42720 E--> 1642 gactcccgcc cacgccacgt tctacggcga cgagacggcg tcggagacga tgggtacgta 42780 E--> 1643 cactcgtcgg attatttgcc ccacgcctta aaatacattt tttgtaaaaa aaaaatcttg 42840 42900 E--> 1645 gcttcaaatt taaccaagtt tataaaaaaa ataacatatt caacactaga taaatctatc 42960 E--> 1646 ataaaaatat attcaattat aaattcaatg taactaattt gatgttgcag atgttataaa 43020 E--> 1647 tttacaatag tttaactttg accaaaatca aaacgatttg taatacagaa tgaatgtaat 43080 E--> 1648 atttgttaaa ttttcatagg gatgagtcca tgcgtgttct agaaacaata atttatata 43140 E--> 1649 ataatcatgt aataagtaca ttagtgtaat aatctgtacc aaattgggtt gtggcaggtg 43200 E--> 1650 gggcgtgcgg gtacggcaac ctgtacgcga gcgggtacgg gacggacacg gcggcgctga 43260 E--> 1651 gcacgacgct gttcaaggac ggctacgggt gcgggacgtg ctaccagatg cggtgcgtgg E--> 1652 ggacggcgtc ctgctacagg ggctcgccgg cgatcaccgt gacggcgacc aacctgtgcc E--> 1653 cgcccaactg ggcggaggac cccgaccgcg gcggcggcgg ctggtgcaac ccgccgcggg E--> 1654 cgcactttga cctctccaag ccggcgttca tgcggatggc cgactggcgc gccggcatcg E--> 1655 teccegteat gtacegeege gtgeegtgeg eeegegeegg eggeetgegg ttegegetge E--> 1656 aggggaaccc gtactggctg ctggcctacg tcatgaacgt cgccggcgcc ggcgacgtcg E--> 1657 gggacatgtg ggtgaaggcc ggcggcggcg ggggttgggt gcggatgagc cacaactggg 43680 E--> 1658 gegegtegta ceaggegtte gegeageteg geggeeagge geteagette aaggteacet 43740 E--> 1659 cctacaccac cggccagacc atcctggccg ccggcgtcac gccggcgagc tggtgcttcg 43800 E--> 1660 ggctcacgta ccaggcccgc gtgaacttct cctagatcgt ttttttagta gcagcaagca 43860 E--> 1661 gcgaggagaa ctcactcttg ataagtgaga atgctcggct ctgctgctct cttctatcgt 43920 E--> 1662 ctgctctgtc gctgtatcgt agttactccc gttgccccca tccacaacat caacatggtc 43980 E--> 1663 atgtggaaca gcggggtttg acgacaacat tgatgatgta ctccaatatt gccatattgg 44040 E--> 1664 aatgtaaact acattgtgat gatgcaagca aggcaaaaaa atttgccgag ttatttgttg 44100 E--> 1665 tgataggcca cctaatcacc aattgtagca aagctaccat atacaacaaa aaaaaaagac 44160 E--> 1666 atgtgctgca acttccagca tcctcggtat aaccaagaaa acttcaccac atttcatgca 44220 E--> 1667 aaaacaacgc aattatggtt tggattagat acactaacgc tttataaatg gaattatgga 44280 E--> 1668 aacacgaaga aaggactcac aagcaagttg aattgcaaaa cagtacaagg caattttctc 44340 E--> 1669 ttcaagagag ttggtacgac cagggattta gttcatttgt tatccaaatt agcatccatc 44400 E--> 1670 actcaagegg tttcaacagt tgacaaagct atttctgttc ttcacacagc acaaatggta 44460 E--> 1671 atgacagcac aaaaagtcca caatgatatt ggacagttct tcaaacattc cattttaggt 44520 E--> 1672 tatatcccat aaaatccgat attttctggt gcaataatct gagattttgc aaactactat 44580 44640 E--> 1674 agggtactgc ttggcctgaa cacgaacacg cctcttatat tctggtttgt cctgcaaagt 44700 E--> 1675 agacaaaata atgtcaatga atgacatgta atgtaagaac aaggaatgcc agaatctcat 44760 E--> 1676 tttttttca ttccgacctg tataaaaatg tgataaccgt cagtctgtgc aggatcagca 44820 E--> 1677 ggatttggct gatcaagcaa gtcctgtatt ccaacaagga tctgctttac agtgatagca 44880 E--> 1678 ggtctccagc cctgagaaga tgcaactgta aataaattcg gtagactgga aataaataag 44940 E--> 1679 actgaagaaa cagcttgaag acttacacta tcctcattaa gaattgagag gcacactgtt 45000 E--> 1680 cctgaaggat agacatttgg gtggaaaaag ccctgtggga acttgcactt gggtggtttg 45060 E--> 1681 ctaggatagt cctcactgaa gtgaagggta agagggtagt acccaccttc ccaatcggtc 45120 E--> 1682 tgtacaaatg tagcaataca cacaaataac ataagcaatt atgaactctg gatggaaaga 45180 E--> 1683 aacaggaaaa gcttaaaagc aacccctaat tggcgttcca tgggcagagt gaaaaataca 45240 E--> 1684 ctgtaatata catatatcaa cataaagaag caataagtat atgacaataa tacatttatt 45300 E--> 1685 gaaggaaaat tagtatttgt tagcctacta ggctggtttg tcaagagagt gattgttaca 45360 E--> 1686 taacaataga agttgagcag cagcatgctg aactaataca caagatcacc aggggcgcac 45420

Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt

Output Set: N:\CRF4\01172007\J659755A.raw

E--> 1687 ccaggcccgg gcaccttagg ccacaacctg gggcctggcc caactagcaa tggatccccc 45480 E--> 1688 cattggttac agcttagaaa ttttggctca caaaggtttg gcccgaggcc cgtcaggcta 45540 E--> 1689 gcatctattg cccaatacta tttattgtct aaccctaact tccccctgct accactacaa 45600 E--> 1690 cgctatgcgc tcgtgggaga tgcgccgacg ccgatgcgtc cgtccctcg cctccctcc 45660 E--> 1691 tgctcgctcc ctccaaggcc agccgccacc atacgtgagt ctccccgctt ccagccaccc 45720 E--> 1692 accaccetge ceagecacet caettecete ceteegteea tgtecaetge etecteaget 45780 E--> 1693 cctctcgctg gctcggcggc ccggcaacaa ggctctttct gcacaacccc cctgcacggt 45840 E--> 1694 gcgcctgcgg caagcggcag gtgctcagag tctcagacct ccactctgtc gggcaaggag 45900 E--> 1695 cggacgagga ccttgacagg tgagtttttc ataatctatt tctggtattc ccatttctca 45960 E--> 1696 aatgcctaaa tggcctagat cacctataga tcttctgatt ccattcaatt tgttttaaac 46020 E--> 1697 ttaatagaga tagaaggtga agaggcttag cgatgaaatc tatagatgat tgatggggta 46080 E--> 1698 taaagagaag aataaagatg accagaaaca tttcaaaatt ctcccgggaa tcatctaatg 46140 E--> 1699 accagaaaca tttcaaaatt ctcccgggaa tcatctattc acttcactaa aaatacaaaa 46200 E--> 1700 tetacagtgt aaatettgtg caattgagae gggtaaaace attetaaatg ettteggtgg 46260 E--> 1701 aaaaaaaatc cgccattttt gttgatgagt atgatggaga tgcatctttc aaagagcaaa 46320 E--> 1702 tagctgtcat tttgaggtta gatgctgttt cttgcgttgt tgtttttttc ctttcgaaac 46380 46440 E--> 1704 gatagtagca attagatttg gcctagggca tgaagaaatc ctgggtccgc cactgaagat E--> 1705 tactatatat ccccccatat gcaagataaa gtgttttgga agtgatgttg attatgaaga E--> 1706 cagtagtgat ggtgactata atccatcttt cagcaactaa atcttacaac attcagatcc 46620 E--> 1707 ttgtaccctg ttaattcaat aactgtgccc gtgactccgt gcaattgcat cgggattcat 46680 E--> 1708 gagtccgtgt gctccatgcc tggtttacag gtggtaaagc aaagcacgca ggcaactgtg 46740 E--> 1709 caaacctcta gtgatggaaa agaactattt gatacgctga acctagaacg tttgaaggca 46800 E--> 1710 actcatgcta caaaatcacg taattaacac tcaaacaaca gagaaaactc ctcccagctg 46860 E--> 1711 tccagaaata aaaggtacta ctagatcaat tgatgataac actaaaattc taaaaaaaaa 46920 E--> 1712 aatcatacta agatctgtaa gaccctagca aatccccact gcaaatcaac acgatccatc 46980 E--> 1713 aataaaaact tcattcaaac cctccaacca acataactac tcataattct cccacaggtt 47040 E--> 1714 atagagattc cagtgcagat accaatccaa tctacaaatc taccccccc ccctcccaa 47100 E--> 1715 acctaccaac agaacagege ggcaaaaacc taaattetee eecacacaga ggaagcatee 47160 E--> 1716 gattgcgtgg tcgcatcaca atccgagcac acaccagcat ccgcagcagc ataatcgaaa 47220 E--> 1717 cagategaaa caggaagagg ggtgggatgg ttegeegteg gegeetegge tagageagtt 47280 E--> 1718 tggttactta cccctgctt gccggggatg gtgcagtgcc agatcatgag gttcgccgac 47340 E--> 1719 ccgtcggcca tcgtctccgg cttcgccacg aacccctgat ccagagcaag caagcaaagc 47400 E--> 1720 accaggtcag aagaaacaca atcggcggcc atagaagatg cgaaaaaaaat agaaaaaaaa E--> 1721 teacegacgt gagggtggtt etteegeeag geettgeget eeteegegag geggeegegt 47520 E--> 1722 gegatecete cegacatgge ggeggeggeg ggtggttget ggtttggget tggtagtete 47580 E--> 1723 tggaaagaa gaagaagcac cgccttctct aatctctagt cgttcggtct cttgtattat 47640 E--> 1724 tatttccacg aaattcgtta atggtagcgt ggaaatcccc gtgcgcgtgg ggcccgcgtg 47700 E--> 1725 tcagaggggt aggtagataa gggtatttta aggctatccg gattattcta tccaaaataa 47760 E--> 1726 atcttaccaa gttttagcaa gccattgtgc taaaattttg ataggatttc ataagcatca 47820 E--> 1727 aagtgaacca gccttagtat ctggttgcgg agcttttaac agttgaagct cctccataat 47880 E--> 1728 taaaagtttt ggtaagcagt atagctttct tacccagatt ataatatttt ttacacctgc 47940 E--> 1729 attatagtaa tttatatttt tacaatttag aatataaatt tgaagtcaaa aactgaaaag 48000 E--> 1730 ccaaagaatc tcataactat caaaataggt gttttaaaat cttaatccca agtaggccct 48060 E--> 1731 tgaaatcttg tagaggcgga tattttataa gaaaggcgat attttcgtaa taaacaaatg 48120 E--> 1732 gagaatgtga ggcggggatc ttctcgctga gattgcgttt ggttttgtca tcttgcaaac 48180 E--> 1733 ggcccagtgt gggaccgaaa caaaagtagc ggaggccggt ggattccaac gttttattat 48240 E--> 1734 tattatttta ttattttatt attaataatt tatttttctg tgttgaggag catcaggttc 48300 E--> 1735 gcgtgccgaa ttacctccgc ctttttctat ctgttttgct caagttcttt ctttcggttg 48360

puntering off

Input Set: N:\efs\01_17_07\10659755_efs\NBLE007US.txt
Output Set: N:\CRF4\01172007\J659755A.raw

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E>	1738	gcatcaagcc	tcactttata	gagttccttt	ttctgactat	tgattcatta	aatgaataaa	48540
					ttcaatcctt			48600
		-			aaaaagaacg		•	48660
			-	_	ttgggccgag			48720
			-		acggttctct		-	48780
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					agctggcgcg			49140
		-			ccttatagtt			49200
					ttcaaaagca			49260
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		-			ggtaagatac	-		49380
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					atggccgata			49500
				-	tccgcaacga	-		49560
					agtgcagggc			49620
					gtgggcaaga			49680
					gtggggcgcg			49740
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					cactctcacc			49860
					gcttcccaaa			49920
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E>	1764	aaaaaatgcc	tacgtttagt	ttggtgtcaa	actttggtaa	ggtttatttt	ggctacaatc	50100
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E>	1766	ttcattgcca	aaatacactt	tatcatttgt	tggtaaagct	gaggagattg	gtaatgccaa	50220
E>	1767	attttgaaaa	agttaaaata	aatttacaac	gaaaaatatc	tgtctagttt	attaacttac	50280
E>	1768	taaaaattag	caataccagg	aaactggtaa	gatttattt	ggcaatgaag	tgaacgaagc	50340
E>	1769	ccttaattcg	ctaatagcgc	ctgtagtggc	ccattcgtat	gctaattgga	ccactgatgg	50400
E>	1770	gctgtcatcg	agtaagtggg	ccttcagaag	gtcgcaatag	ttccaaagct	tgggccttaa	50460
E>	1771	tgaactatgc	cgatgtggga	aggagatgac	aaacgggctc	gggggggtcg	tgggcctcct	50520
					aagccgaatg			50580
E>	1773	ttgggccgtt	cgtagcgatc	gtacggccca	catcttgtga	ttctacggcc	atatttttcg	50640
					ctctcttt			50700
E>	1775	cggtggatca	aaattcctcc	gaacgaattc	aaccctttcc	aaattccaac	gccaacattt	50760
E>	1776	atttaccaaa	agaacagaag	tagtaaatgt	ttttgaagct	acccacgttc	gtctcacgat	50820
E>	1777	ctttcgacga	ggaaggacga	ggacgattgt	gacatgacgc	tacagtaaca	acctaagtcg	50880
					aaagaaagca			50940
E>	1779	cattccaact	atattaccac	cccttccaac	ttttctcaag	ttgcagctgt	gggcatcatg	51000
E>	1780	catcagtgtg	catcacggtc	tctttgtttg	gatggtcgtg	tcatatcagc	tgctatatat	51060
E>	1781	acgtacgtac	gtactcctac	tatactgtac	ctctgcaact	gcaactgcga	cctgcataga	51120
E>	1782	cagccaagct	gagatatcga	tccacggtct	gtgaaactta	ggaaagccgt	tagcttctgc	51180
E>	1783	atccatgcca	tcgacgtgat	caatctctcg	catggcttcc	ataaatatcc	cctccttcct	51240
E>	1784	tccaaaagga	tacttactac	tccctcctta	attccataaa	tattacgaat	ttttcagttt	51300

Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt

Output Set: N:\CRF4\01172007\J659755A.raw

E--> 1785 tgaaatttat ctgcggatat aagagatttt agaatagtac tactataagg cggaaataat 51360 E--> 1786 ttacttgtag ttatatcatt aaacatgaac ttttcggggt caagagaatc ggtgtaattt 51420 E--> 1787 cacctcataa acaacctaaa actcttcata tttgtatata gaaggagtat tactagaact 51480 E--> 1788 gattataagc cgtaaattaa agcttattag caataaaatt aggtaaaact taattttata 51540 E--> 1789 tatgtgtaat tagcgattta aatgaaaata ctacaaaata aaccattata aaagaaacat E--> 1790 cgacaccaac tctaaaatta aatagttcaa ttttaagttt aaatttggtt gtgtttatat 51660 E--> 1791 gctgaaaagc aaacgatgaa ggtaggttgg cccaacctta gacccttgca taaaaaataa 51720 E--> 1792 atctaaaatt ggatgtgact taatctagta taatgaatat ggatagaagg ccaagcagat 51780 E--> 1793 acattataaa gtatatttaa cacatctagt tctagatttg ttcgtttagg cggatggagt 51840 E--> 1794 agttgccggt tgaaaagttt ctgatgccct aactaggtgt gtgtttattt ggcaattcga 51900 E--> 1795 ttatatcgat caccgagtaa tggggatgta ttttgtttta ttaggattaa gattttgatc 51960 E--> 1796 aacaattatt ctattataat ataatttttg tgaagtaaaa ttaatgttat tagacccgtc 52020 52140 punteur 52200 52260 52320 E--> 1797 ttcaaaagta cttttatatt attatattt ttgtcacata gatgatatat tagataataa E--> 1798 attttgtcct aacaaataa aatacgtcat acatcttaaa atggtgggag tatttgtttg E--> 1799 gattaaccgg ccgttttagg aaaccgtcct taattggcca gttggtttgc cactcaaagg E--> 1800 aaacaaaaaa aaaaggcgag gtgaattagt aaagcctcag tggctcccgc tctaatcaga E--> 1801 cacgctaget getttatteg geggecaaca tgggaaggtg gatgagatte tgceggatea 52320 E--> 1802 ctgaagattg tatagttcct acaggagcta tgttgcctct gatcaccttg cttttctttc 52380 E--> 1803 agatatgtgc ttaagtttac ttttcttggt ttcctttcat cttttaagca agggtcaagg E--> 1804 gacatgatat acactttctc tgaggatagt ggagagagat atatatatct cggcatcttt 52500 E--> 1805 caaagaaaag gtgtactggt gagagcttat gtggatctta aactcttaat tatagcaaag 52560 E--> 1806 ttattagcta ttaatagcca aaatgcggct ttgctaaagc aaaaggagct gatgaaaaac 52620 E--> 1807 gtactagatc agctagatag ctagctaggg atatggcgca aagctgggaa caaccttatc 52680 E--> 1808 acaacgtcta ctagcttgtt gtcttgtata aagagaacaa attgctatgc attgctaggt 52740 E--> 1809 caccgcttgt tgagttgagt tgagtacaat atctttatac tagcttgcgc tgttgcttat 52800 E--> 1810 tccattttct ttccacqtaq aggatctata ctgqacqqct tagaatccct cgtatagtct 52860 E--> 1811 cgtaccaaca gttatttctg tgtcaaaatg tcaaaagtac gagcgaaaca aaagccggca 52920 E--> 1812 tgattcagtt ttctagaacg gtaacggcgt acaatcctac ggtggcgccg tgtcatgaac 52980 E--> 1813 atacgagcat gacagtaaat attggccctg ttaatttggt gaggttggag aatctaagat 53040 E--> 1814 acagctagct ggttaagtag taaaaggtaa gaatatgagg gcttgtttag attccctgtc 53100 E--> 1815 aaaattttac accatgtcac atcgaatgtt tggatacatg cataaagtat taaatataaa 53160 E--> 1816 aaaactaatt acacagatta tgtgtaaatt acgagatgaa tcttttaagc ctaattgcgc 53220 E--> 1817 catgatttga caatgtggta ctatagtaaa catttattaa tgacagatta attaggctta 53280 E--> 1818 ataaattcgt ctcgcggttt acaggcagat tctgtaattt attttattat tagactacat 53340 E--> 1819 ttaatacttc aaatgtgtgt cattatatct gatgtgacac gccaaaactt tacactcctg E--> 1820 aatctaaaca cagccagaaa aggtgagttt ttgatcattt tctgtactac tacttctgtc 53460 E--> 1821 cagaaacaca teggagetta ggtgaegatg gatetettta gtgaeatgae tttgaecatg 53520 E--> 1822 atacaaaggt ttgaggagga caacaactac atgcatatat attatacaaa ttttcgctaa 53580 E--> 1823 tcacggatga aggtttggca ataggttgtt actcgctgtc tttaggctgg tgttatagtt 53640 E--> 1824 ggtctcttgt tttccatcaa accgtgattt gtaatttaca gttgttttga ctttaagctt 53700 E--> 1825 ttgtaataat ttggtgtagt ttctttgaaa caaatgatat aatgatcttt ttaacttttt 53760 E--> 1826 cactttaatg ccattctcaa ccttctaaat ttaatttggc aatgctaaaa tttagtaaca 53820 E--> 1827 taactggctg tgtttagttc cacaccaaaa ttgaaagttt gaagaaattg gaatgatgtg 53880 E--> 1828 acggaaaagt tggaagtttg tgtgtataga aaagttcgat atgatggaaa tgttggaagt 53940 E--> 1829 ttgaagaaaa aaattggaat ctaaacaggg ccaaactaaa catactatta ccaacacgaa 54000 E--> 1830 cttactaaat tttggtaatt ctgaaccttt tcattcttaa attttttacc tggtaagata 54060 E--> 1831 acaaaataaa cacttttgtc cacaccttac cttaaaaaaa atggtaatgc caaaatttga 54120 E--> 1832 taagttettt ttetttttt tttgcaatga agtgaacaag caetttatta teteaaaaaa 54180 E--> 1833 atataaggat gtcaagagct tggaatttgt tcaagaagat aagtatttct gtattatttt

Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt

Output Set: N:\CRF4\01172007\J659755A.raw

54300 E--> 1835 acaagtatca ctcaccttct tttaaaaaca tggccattgt tttgtagagt acataatatc 54360 E--> 1836 tcttgtttgg ggacttactc ttttttatca gtattcacca caatcttgtc atcttcgtct 54420 E--> 1837 taaaatatag ttatttctag catagtaact tttcccaaaa taaagctata ttttcaccca 54480 E--> 1838 ccctctcatc tcaaccaatc acaaccattc ttttcaccta ttttctcttt ttccgctaat 54540 E--> 1839 cacaactete etceacteat egetacatae tttettaata etegtgteta tetaaaagaa 54600 E--> 1840 attacattat gtgatggaag aagtatagaa gtggtagcat ggttaactcc ttttgtacat 54660 E--> 1841 cctactgtgt cagtttaaca ttacaattta caaggattct ctccagtagg aagggctctt 54720 E--> 1842 tacctctgta ccatgctagt caatctcaat cacctcaaag tatactcatt ccaactctga 54780 E--> 1843 aacccaagtg cgaggtcact actcactggt acaacaactg tgcaaaggac aatcacgcaa 54840 54900 E--> 1844 taqtaaaatt ttacaagaaa ccgaacaaaa gcttcaaaag gtacgagctg cacctgtcag E--> 1845 gtactaggaa aaacctttaa ttagtacata agagaaaaag acacttacta taattgcatg 54960 E--> 1846 gaccacaaat ccactatctt ctaatttaag ctgcccagta caaatctcaa aagaagttat E--> 1847 tccccattgg tttttacatg ctcccatgca caagetcaac aatgcaacct agctacccaa E--> 1848 aactcagcat tcaatatctt ctttcacctt gtttatttgc atggaggagt agtagctagc 55200 E--> 1849 agtacactgc tgcttcaatg caacttattg tgttactacc aaatacagat ataaaaggac E--> 1850 atttcagatt gtgtagcgta gttcgaagcc atcagtgaaa ggcacatgca gatggaatcc 55260 55320 E--> 1851 ggggagatca ttgcacccct tgtactagga gaggttcgct agatgtgttc atcacttaac E--> 1852 aactataatt catttgtaat taaccaagta tactcgatcg agtatactcc ttctatcaca 55380 E--> 1853 aaatataagg agttttgatt atatgggaca toctaatact acgaatttag ataattaagc 55440 E--> 1854 agtttgttca gattcgaagt gataagatgt gtcccataca actttatatt ttgaaacgga 55500 E--> 1855 gtaagtaaca aacatatata taggacgtgt catattttac atccaaaaca ataaagggat 55560 E--> 1856 gttcagagaa acatctagag gtattctggc tagctacaca acgacttggg tttaaagcct 55620 E--> 1857 caccacatct aattatttga tattaggttt tttcctaata ttcacgtctt tataaaggga 55680 E--> 1858 tgttcgactg gcttggctat ggcttttcca cgcagctact accgctacta ctagtggctg 55740 E--> 1859 caaacctcaa cagtaacagc ggacgcggct aagaaccaca aaacttacaa gtgacgcata 55800 E--> 1860 tctacacttt taatgcacgc agatctccag atgatcatgt cactgttact gtactattgg 55860 E--> 1861 atccaggacc tactaaccta gctaacagat gattatgcag ggtagcataa ataacagcac 55920 E--> 1862 actaatagta tttgacgcta ctccaaagtt gtcaatccac taattccaat aggagtagga 55980 E--> 1863 caaggaaaaa ttgtcacaca atgatgacat attattgact tatactaata taagatatta 56040 E--> 1864 ggagaaaaag actggaaata tcagccgacg tcggttgtta tccttgttag gcttcttttt 56100 E--> 1865 gggcaaggag tgtggttatc cttttaagta attagactgt actagctact aataaccacc 56160 E--> 1866 caatatgttg aactctaatc ccttgtttta tcgcaaatta aatggctatt caagagttta 56220 E--> 1867 aaacataata catcttcata ttaaccttat ggctagagac cacagaaaga gagaaatttc 56280 E--> 1868 aaagacaatg tatgaaaagt tgtgaagtga cactttccac taatagctta ccaccgtttt E--> 1869 ggggctgtaa aactaaaaag gagcacatcc agatacgtgc acacatgatt tcacgtgaaa 56400 E--> 1870 aacatattac cctgcgcctt ccaaagtgaa aaaggttaat tattttggtg ccatgttgtt 56460 E--> 1871 gtacggcatg cataccgcgc ttaagcatga ataggtgagt aggaagatat gtctcatgct 56520 E--> 1872 ctgcactgac taaatttctt tttacaaata ttcatttgcg tctgtacata caagttcttt 56580 E--> 1873 atatttgaca aaatttatac actgttaagt agttaaaaac tagtttaaga taaatattgt 56640 E--> 1874 taagtttata ccgaacctat ataaaacaat ttcttaaagt gcggtaagac gatagacctt 56700 E--> 1875 acaaaaaggt gatactacgg gtgggtttag tttcacgcca aaattaaaag ttcgattgaa 56760 E--> 1876 attggaacga tgtgacggaa aagttagaag tttgcgtgag tagaaaagtt cgatgtgact 56820 E--> 1877 tttttgggtt caaactttga atctaaaccg gacctacttc caaaaagcct agataatatg 56880 E--> 1878 catattgtag atttttaata tacagcttac gccctattat attagtttgc gtatcactta 56940 E--> 1879 cgcaacccac gtgggtgccc ccacaaccaa ttaaccatgt aaaatagtac aatatattgc 57000 E--> 1880 tgtctaccat tgatgcatcg ctgttcatcg atatagacga ccatctaatc tcatagtggt 57060 E--> 1881 actaaaatta ttactagaat ataatcaaat gagattagaa cgccgctaaa tcgatattga 57120 E--> 1882 aaatgccacg aaccgcacca attatagcag gcccatttat tccggcgagg ttgtctccc 57180

54960 55020 55080 runterry 55140 55200

Input Set : N:\efs\01_17_07\10659755_efs\NBLE007US.txt

Output Set: N:\CRF4\01172007\J659755A.raw

57240 E--> 1883 ggtctttgca acctgtgtgg gtcacgtgaa aactgaaagg gagtcctacg tgcgggatcc 57300 E--> 1884 ccacagggga tggcccggat gacgaggcag gcccctgacc gcggctacgt gtcgccatcg 57360 E--> 1885 cagcggtccg tccgtacacc cgctcgtgag gccccccgac cggctcccaa ccctcgtaca 57420 E--> 1886 cgcccgtggg ccccaccaaa cccccgggat tggcagaaat cgtcggacca tcgttctgac E--> 1887 cccacagtgg gacccaccga gctagggccc acctgtcaca gctgctcgtt cccatgctcc E--> 1888 aagttggggt ttgggttttt ttctttttgc gaacacttcc cgtttggaga ttggaggagt 57540 E--> 1889 ggggctgtcg taggcgacgg agacgggatt atggagtact acagtacacg cacagtacat 57600 E--> 1890 ttttcactgt tgctagatgc ggtacaggct acaaaggtga ataatctgct cctctctgcc 57660 E--> 1891 tttggatcca acggtctata tacgttacgt gctatactag ggatggatgg cactgtagca 57720 E--> 1892 atgetggatt aggtettgcc acteaceact caccagggta ggtgccgttt tgtttctcga 57780 E--> 1893 ttaggctaca agttaacatc agatttatgg gttcaaatat agtactagtt tacatcgcat 57840 57900 Nunleur E--> 1894 ttaacagtag aattatttct caaaacaaaa ttgtagtatc tgatttttgg taatgagttt 57960 E--> 1895 gtagcatgga atgatgctgt gttctgattt gcacaagaat ggcatgcgta ctatgcatgt E--> 1896 caagggctca attgtgatga tttgtacccc ttttttttgt gaaattcaga tagattgcta 58020 E--> 1897 catgetttee tettttggtt tetgeatata atectggttt ettetagagg agttetaatt 58080 E--> 1898 tggttgtccc atgttgtaaa taaaattatg attgtaagta caaatggcta taaaattgat 58140 E--> 1899 acggcattca caatattata ttgagatatt tctttttata taagattagc acacaacttt 58200 E--> 1900 tcattcgagt actgctctca ttgagatggc cagatactat tttctgattg aaaagtccac 58260 E--> 1901 gcccatgcat atggttttaa ttaaaaggca catgtgtttt cgtgagaatg tgaaatcaaa E--> 1902 gcatgtcgct attgccatga ttatcctaag atttcacgct cttgcccgca aaaactttaa 58380 E--> 1903 cgggctactc acagggaaaa tagttggcag atagccacgc tttaacgtac gattgccata 58440 E--> 1904 tatatgaaaa acaaaacaag ccatacgcct agccacttgc ttttgacata tcccactctg 58500 E--> 1905 gtgtctggac aaggatagaa acaaacccca ccaccattca tgggccgttt gatttattta 58560 E--> 1906 tttctagcaa tggtagattc ttttattggg tcggaaaacg gatgtgagcc actcttgtgg 58620 E--> 1907 tacatgttaa cacaacttta actagttcat tttagtgatg agattaggga tttttcgctg 58680 E--> 1908 gtctccgtct cttcgagtat gtgttagggg cacatccacg gttaaatcga gaggttcact 58740 E--> 1909 ccatagaatc aataatatgt acattaggac atactccctc cgtcctgcaa taaatgaatc 58800 E--> 1910 tagctaggac tgaatgtgga tgtgacacgt tctacatcca agactagctg gattggtttt 58860 58920 E--> 1911 taatgggcga aggaagtaat aagaaccaaa atggttaaag cttgaccatc aatctaagca E--> 1912 taagagcaag tataatagta ggctataagc cggctaaatg ctgaggtgga tgagagaagc 58980 E--> 1913 gggctgtaga cttacagccg gcttgagcat aagaaccaag aaactctgtg agagagacaa 59040 E--> 1914 atgggtccta tattaattgt aaagagctaa ctattatata ggtaggctga gagaaagcta 59100 E--> 1915 caaagaacct tatagccaat aggtcggctg tattattagc cttgctctaa tgcagttgcc 59160 E--> 1916 agaaatgtcc taggcgggaa tacctggggt gcaaatgggt gaattctttc ccaccaattg 59220 E--> 1917 gegeggteec tetgatetet ettteeceat aggeggagge cagetaageg gaaaggggee 59280 E--> 1918 acctggtggt agtgttgggg eggggceteg eccaettgtt cetaegeece ttteegegeg 59340 E--> 1919 aggaggtggg acgagagacg acggcgatcc acggccaatg gcgattgccg gtctcggtcg 59400 E--> 1920 gtcgcactcg cgctcgcgcg cgggcgcctc gtgggtcgcg ggtttcccag gacgggaagt 59460 E--> 1921 egetegegeg gtegeettet ttatttgget aceteeteet ceteteceet ceccacecat 59520 E--> 1922 ctcgcctcg tctcgtctcg tctctccact cccccacctc ccatccgcta ctgctagtac 59580 E--> 1923 tactactacc eggeeteteg cettetegeg eggeegegat tteegttege aaateegeac 59640 E--> 1924 ccacggcggc gcgaggtcgc cgtcgtcgtc gagccatttc gggtgagagg gggggtctcc 59700 59760 E--> 1925 ggtttttctc agatctgtcc acttttgtcc agttttgatc tggtgattta atatactatt E--> 1926 tttcacttct ggtggtttgc ggcgacgcgt gtgcaggggg gtagtttata agggcttgcg 59820 59880 E--> 1927 cgaggagggg gaggagtagc gggtagcggc ggctcgagtc gagtcgtcgt cgtcgtcggc 59940 E--> 1928 ggcggcggtc gagagagatc gggatcgatg gtgcggggga ggacggagct gaagcggatt 60000 E--> 1929 gagaacccga cgagccggca ggtgaccttc tccaagcgcc ggaatggcct cctcaagaag

> Alese pages shown as a sample of Jeguerce 15 eva

VERIFICATION SUMMARY

DATE: 01/17/2007

PATENT APPLICATION: US/10/659,755A

TIME: 12:35:19

Input Set : N:\efs\01 17 07\10659755 efs\NBLE007US.txt

Output Set: N:\CRF4\01172007\J659755A.raw

L:415 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:6 L:595 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:8 L:929 M:254 E: No. of Bases conflict, LENGTH:Input:60 Counted:59 SEQ:15

M:254 Repeated in SeqNo=15

L:2693 M:252 E: No. of Seq. differs, <211> LENGTH:Input:105840 Found:105839 SEQ:15

This application file contains additional errors ! Only the first 1000 errors are shown above !